

PAVEMENT STRENGTH SURVEY												
STATE Alaska		CITY McGrath	AIRPORT McGrath		This is a variation of FAA Form 5320-1-1							
IDENT.	NAME	CONSTRUCTION DATES			SOURCE OF INFORMATION	Existing Pavement Conditions (PCI)	SOIL CLASS	Subbase Course	Base Course	Surface Course	Overlay	Pavement Strength
		ORIG.	OVERLAY	CONSTRUCTION AGENCY								
RUNWAYS												
6100-01	Runway 16-34	1942	2001	AK DOT&PF	AIP No. 3-02-0176-03, AS-BUILT	88		24	12" Crushed	4" Bit. Conc.		S32, T80, ST102
6200-01	Runway 07-25, north edge	1942		CAA	McGrath Airport Study, Jan. 1971	16		0" to 12"	5"-9" Stabilized Base			
6200-02	Runway 07-25, keel	1942	1977	AK DOT&PF	ADAP No. 6-02-0176-01, AS-BUILT	24		0" to 12"	5"-9" Stabilized Base	1"-1.5" Cold-Mix		Not rated
6200-03	Runway 07-25, south edge	1942		CAA	McGrath Airport Study, Jan. 1971	7		0" to 12"	5"-9" Stabilized Base			
6200-04	Runway 07-25 intersection	1942	2001	AK DOT&PF	ADAP No. 6-02-0176-01, AS-BUILT	92		16"	12" Crushed	4" Bit. Conc.		S32, T150, ST150
TAXIWAYS												
100-01	Taxiway A, mainline	1999	2001	AK DOT&PF	AIP No. 3-02-0176-03, AS-BUILT	93		24"	2" EATB	3" Bit. Conc.		
200-01	Taxiway B, north edge	1942		CAA	McGrath Airport Study, Jan. 1971	4		5" to 12"	5"-7" Stabilized Base	1"-2.5" Cold-Mix		
200-02	Taxiway B, keel	1942	1977	AK DOT&PF	ADAP No. 6-02-0176-01, AS-BUILT	28		5" to 12"	5"-7" Stabilized Base	1"-2.5" Cold-Mix	2" Cold-Mix	
200-03	Taxiway B, keel	1942		AK DOT&PF	McGrath Airport Study, Jan. 1971	28		5" to 12"	5"-7" Stabilized Base	1"-2.5" Cold-Mix		
900-01	Taxiway I	unknown	2001	AK DOT&PF	AIP No. 3-02-0176-03, AS-BUILT	95		16"	12" crushed	4" Bit. Conc.		
300-01	Taxiway C, South Turn Around	2001	2001	AK DOT&PF	ADAP No. 6-02-0176-01, AS-BUILT	99		16"	12" crushed	4" Bit. Conc.		
400-01	Taxiway D - North Turn Around	2001	2001	AK DOT&PF	ADAP No. 6-02-0176-01, AS-BUILT	91		16"	12" crushed	4" Bit. Conc.		
900-01	Taxiway I	unknown	2001	AK DOT&PF	AIP No. 3-02-0176-03, AS-BUILT	95		16"	12" crushed	4" Bit. Conc.		
1000-01	Taxiway J	unknown	2001	AK DOT&PF	ADAP No. 6-02-0176-01, AS-BUILT	98		16"	12" crushed	4" Bit. Conc.		
APRONS												
4100-01	Northeast Ramp	1942	1977	AK DOT&PF	ADAP No. 6-02-0176-01, AS-BUILT	24		6"	14" Stabilized Base Course	2" Cold-Mix	2" Cold-Mix	
4200-01	Retardant Ramp	1966		AK DOT&PF	AIP No. 3-02-0176-03, AS-BUILT	1		none	none	5.5"-9.7" Cold-Mix	2" Bit. Conc	
4200-02	Retardant Ramp	2001		AK DOT&PF	AIP No. 3-02-0176-03, AS-BUILT	96		none	none	5.5"-9.7" Cold-Mix	4" Bit. Conc	
4300-01	East Ramp	1999	2001	AK DOT&PF	AIP No. 3-02-0176-03, AS-BUILT	91		+24"	2" EATB	3" Bit. Conc.		
REMARKS:												
1. Runway 07-25 "Stabilized Base Course" consists of 4" to 7" of Sandy-Gravel on top of 1" to 2" of asphaltic mix. Reference January 1971, McGrath Airport Study.												
2. Taxiway B "Stabilized Base Course" consists of 4" of Sandy-Gravel on top of 1" to 3" of asphaltic mix. Reference per 1.												
3. The Northeast Ramp "Stabilized Base Course" consists of 10" Sandy-Gravel on top of 4" asphaltic mix. Reference T.H. 14 in 1.												
4. The 1977 Cold Mix overlay was constructed with ADAP No. 6-02-0176-01, AS-Built 12/1977.												
5. Surface Course thickness on the Retardent Ramp, Section 4200-01 is per "McGrath Runway Reconstruction Ground Penetrating Radar Study", August 1998.												
6. Pavement Strengths are per the Alaska Supplement, 2002.												
7. McGrath Airport was originally paved in 1942. Records not available subsequent paving between 1942 and 1976.												
Date of Site Inspection:		6/3/2003		Evaluated by:		Scott Gartin, P.E.		7/30/2003		PAGE 1 of 1		